

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:17:01

Sample: AE09683
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:16 Ended: 5/15/02 14:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE09683 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 14:17:53

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9683.D
 Acq On : 10 May 2002 7:54 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 13 9:39 2002

Vial: 8
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon May 13 08:58:06 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	476550	40.00	ug/l	-0.04
10) Naphthalene-d8	15.80	136	1717929	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	935839	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.55	188	1259345	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	759490	40.00	ug/l	-0.03
44) Perylene-d12	37.84	264	506372	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.25	209	145509	31.26	ug/L	-0.03
Spiked Amount	40.000		Recovery	=	78.15%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
8) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	13.40	77	1136	N.D.	
12) Isophorone	0.00	82	0	N.D.	
13) bis(2-Chloroethoxy) methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	15.85	128	109	N.D.	
16) Hexachlorobutadiene	0.00	225	0	N.D.	
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
19) 2-Chloronaphthalene	0.00	162	0	N.D.	
20) Dimethylphthalate	0.00	163	0	N.D.	
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
22) Acenaphthylene	0.00	152	0	N.D.	
23) Acenaphthene	0.00	153	0	N.D.	
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
25) Diethylphthalate	22.59	149	1542	N.D.	
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.25	168	384	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.55	178	244	N.D.	

(#) = qualifier out of range (m) = manual integration

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Quantitation Report

(QT Reviewed)

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 Acq On : 10 May 2002 7:54 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 13 9:39 2002

Vial: 8
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Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon May 13 08:58:06 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0510

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.55	178	244		N.D.	
36) Di-n-butylphthalate	27.52	149	2227		N.D.	
37) Fluoranthene	0.00	202	0		N.D.	
39) Pyrene	0.00	202	0		N.D.	
40) Butylbenzylphthalate	0.00	149	0		N.D.	
41) Benzo(a)anthracene	33.61	228	1797		N.D.	
42) Bis(2-ethylhexyl)phthalate	33.84	149	1503		N.D.	
43) Chrysene	33.61	228	1797		N.D.	
45) Di-n-Octylphthalate	0.00	149	0		N.D.	
46) Benzo(b)fluoranthene	36.74	252	385		N.D.	
47) Benzo(k)fluoranthene	36.74	252	385		N.D.	
48) Benzo(a)pyrene	37.85	252	1896		N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0		N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0		N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0		N.D.	

(#) = qualifier out of range (m) = manual integration

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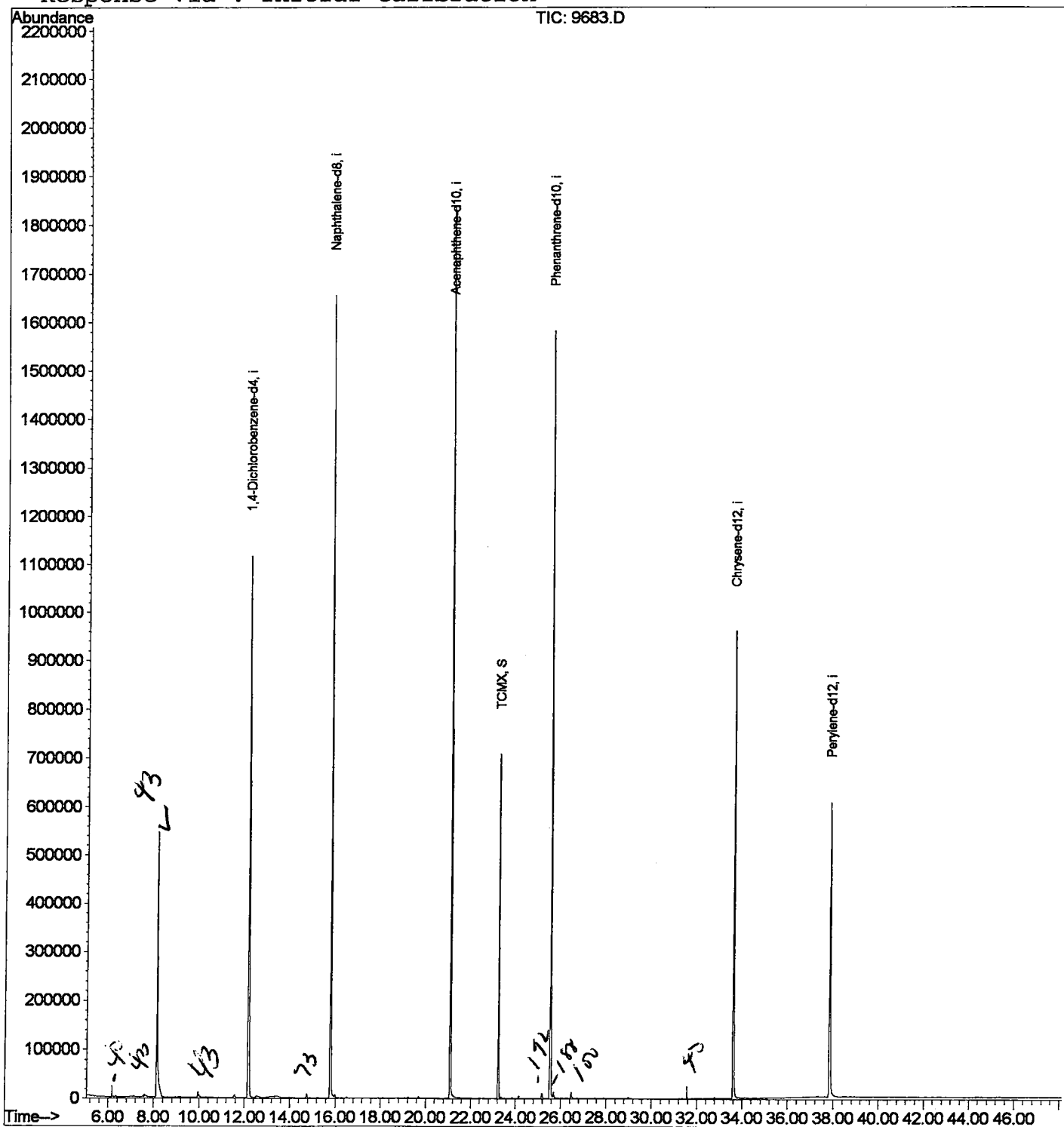
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9683.D
Acq On : 10 May 2002 7:54 pm
Sample : GC/MS SCAN 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 13 9:39 2002

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9683.D
 Acq On : 10 May 2002 7:54 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: LSCINT.P

Vial: 8
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Signal : TIC

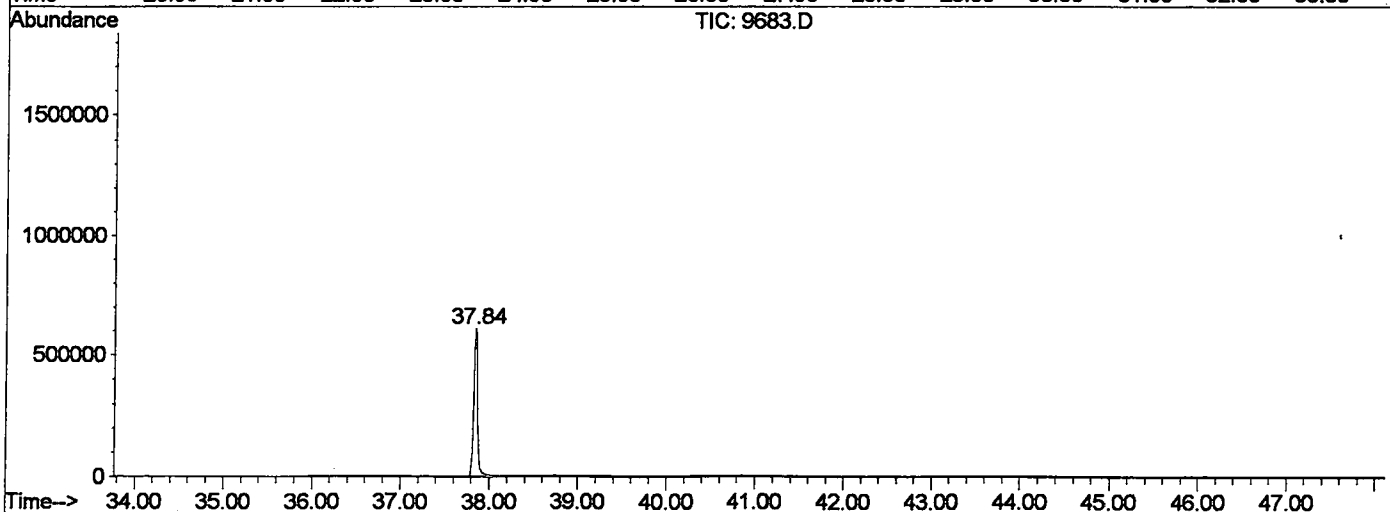
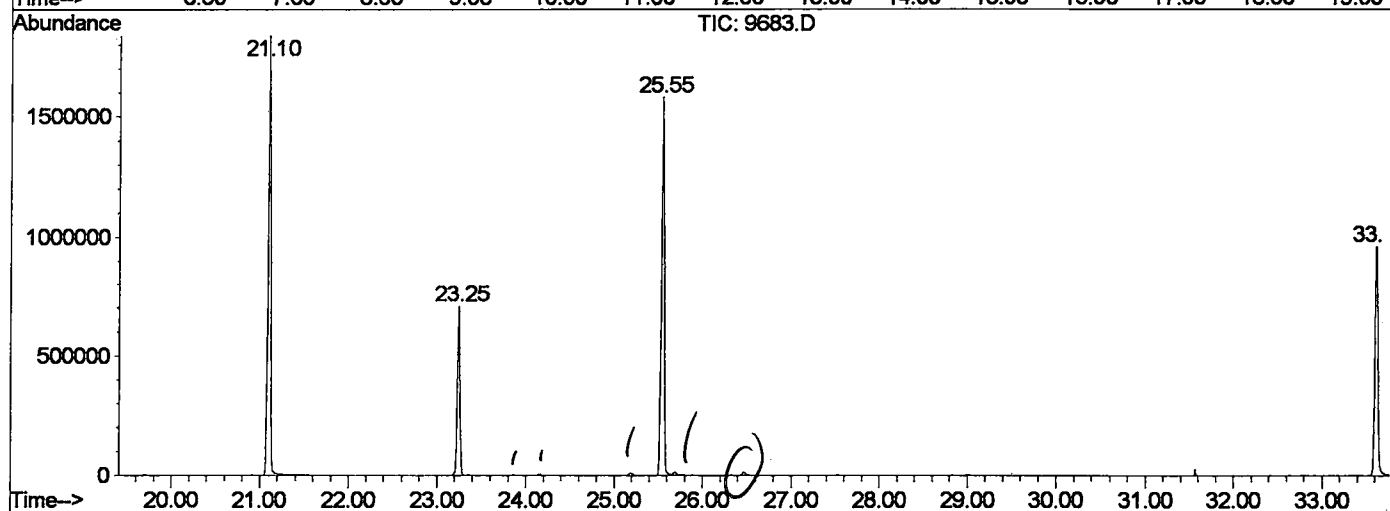
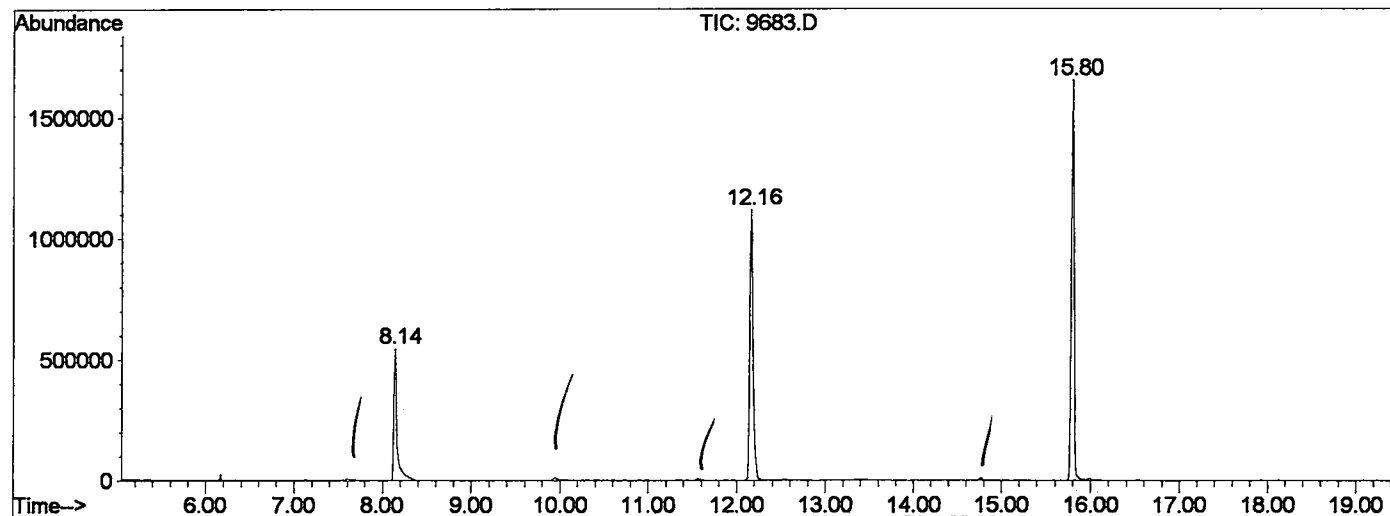
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	334	338	371	rVB	545110	1317473	34.82%	6.581%
2	12.159	772	777	795	rBV	1116521	2713629	71.71%	13.555%
3	15.797	1168	1174	1189	rBV	1654203	3383157	89.40%	16.899%
4	21.103	1746	1753	1765	rBV	1838950	3784162	100.00%	18.902%
5	23.247	1979	1987	1995	rBV	706971	1392734	36.80%	6.957%
6	25.547	2231	2238	2249	rBV2	1580675	3367601	88.99%	16.821%
7	33.620	3112	3119	3140	rBV2	960728	2281905	60.30%	11.398%
8	37.845	3572	3580	3594	rBV2	604332	1779109	47.01%	8.887%

Sum of corrected areas: 20019770

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\9683.D
 Operator :
 Acquired : 10 May 2002 7:54 pm using AcqMethod GCMS0510
 Instrument : 209
 Sample Name: GC/MS SCAN 5/9
 Misc Info :
 Vial Number: 8
 Quant File :GCMS0510.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9683.D
 Acq On : 10 May 2002 7:54 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: LSCINT.P

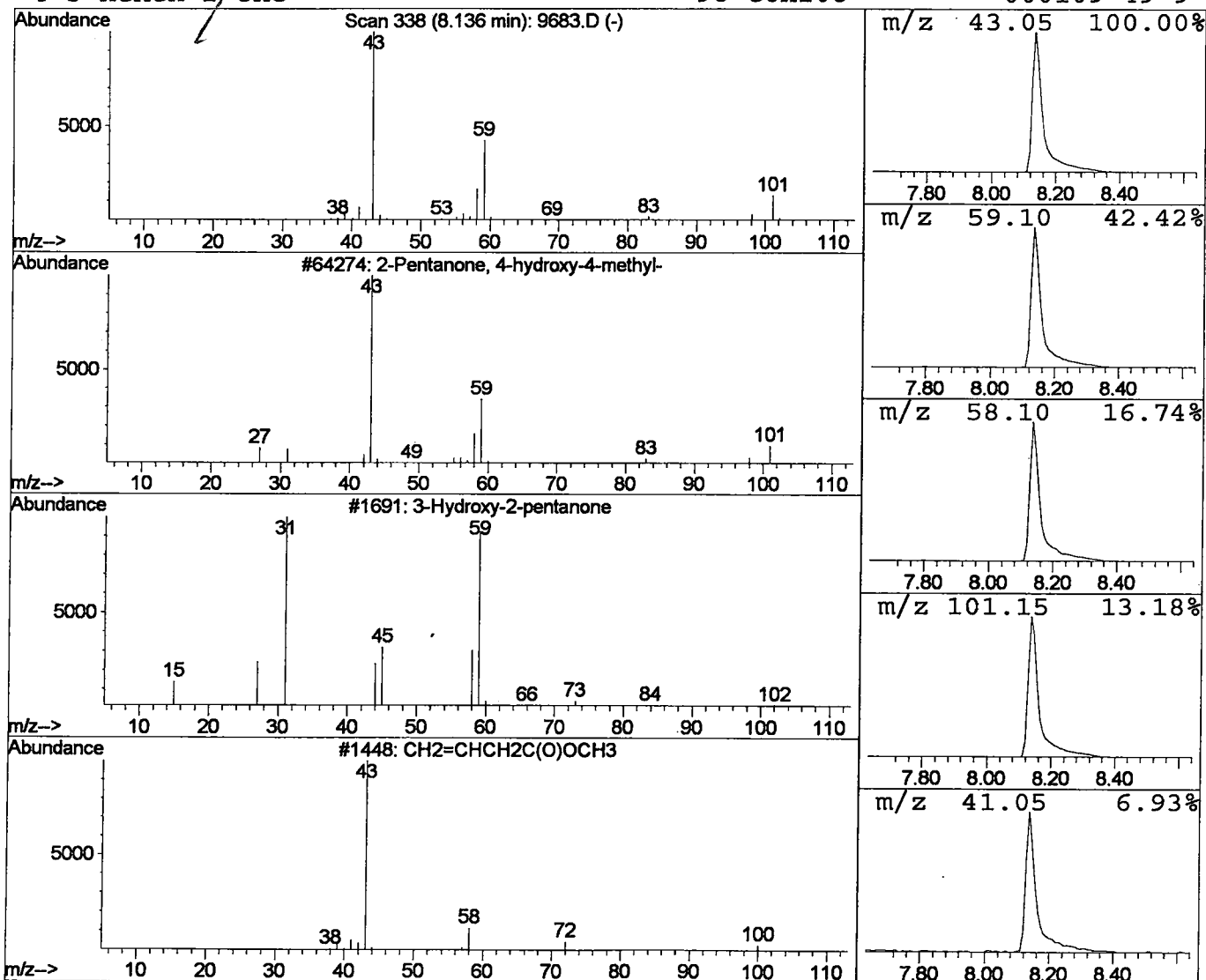
Vial: 8
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	19.42 ug/l	1317470	1,4-Dichlorobenzene-d4	12.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 7:54 pm
 Data File: C:\HPCHEM\1\DATA\MAY1002\9683.D
 Name: GC/MS SCAN 5/9
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

2-Pentanone , 4-hydro	8.14	19.4	ug/l	1317470	ISTD01	12.16	2713630	40.0

9683.D GCMS0510.M	Mon May 13 09:40:42 2002							